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The image shows a document titled "CONFIGURATION REPORT" and "ECU SUMMARY INFO". The document is heavily redacted with black boxes. A large diagonal watermark reads "INFORMATION REDACTED". The background features a gear and a bracket graphic.

[REDACTED] [REDACTED] [REDACTED]
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AHCP

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INFORMATION

SA

CVNS

44310EAB

EXEMPTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

VALUE

UNITS

Paddle-Shift Switches Equipped

Shifter with Sport Mode Position Equipped

Shifter with Low Mode Position Equipped

Sport Mode Switch or Virtual Switch (Non-Terrain) Equipped

Overdrive Off or Tow Haul Mode Switch or Virtual Switch (Non-Terrain) Equipped

ECO/Optimizer Switch Equipped

ERS/Autostick/Tip Non-paddle on Steering Wheel equipped

ERS/Autostick/Tip Non-paddle on Shifter in D position equipped

ERS/Autostick/Tip Non-paddle on Shifter in A or M position equipped

FWD Equipped

RWD Equipped

AWD Equipped

4WD with switchable Lo Range equipped

Engine Start/Stop equipped

Polystable E-shift (Cableless without return-to-center) equipped

Long Learn Enabled

Short Learn Enabled

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped		
AC Equipped Over Bus		
Power Steering Switch Equipped		
4 Integrated Cruise Control		
EMAT (Getrag DCT transmission) Equipped		
Vehicle Speed Sensor #1 Calculated from CAN		
Police Package Equipped		
Unleaded Gasoline Fuel		
Unleaded diesel fuel		
V8 Engine		
4 Speed Automatic Transmission Equipped		
Electronic Automatic Transmission (EATX) Equipped		
Vehicle Speed Sensor #1 Calculated by ECU		
Engine		
Engine		
Engine		
Sensorless FFV Enabled		
Electronic Throttle Control Equipped		
Engine		
Engine		
V6 Engine		

3.5 Liter V6 Engine

Engine

Engine

Engine

Solenoid Equipped

Equipped

Turbocharger Equipped

SRV Equipped

Secondary Air Equipped

Shift Indicator Lamp Equipped

Barometric Sensor Equipped

TIP Equipped

Battery Temp Sensor Equipped

Knock Sensor 1 Equipped

Knock Sensor 2 Equipped

W14 Variable Valve Timing Equipped

Clutch Interlock Switch Equipped

ESIM Equipped

Linear Purge Equipped

Linear EGR Equipped

Continuous Variable Transmission Equipped

Direct Injection Equipped

Secondary Fuel Pump Equipped

Electronic Coolant Pump Equipped

O2 Sensor Bank 1 Sensor 1 Equipped

Sensor Bank 1 Sensor 2 Equipped

O2 Sensor Bank 1 Sensor 3 Equipped

Sensor Bank 2 Sensor 1 Equipped

Sensor Bank 2 Sensor 2 Equipped

Variable Displacement AC Equipped

Fixed displacement AC Equipped

W14 Intake Flow Control Valve Equipped

Electric Coolant Valve Equipped

Engine Oil Heater Cooler Equipped

Transmission Oil Heater Equipped

Electric Water Pump Equipped

Rear Heater Equipped

Starter Relay 2 Equipped

Inrush Current Reduction Relay Equipped

Active Grille Shutter Equipped

Electronic Vacuum Pump Equipped

Wide Range O2 Sensor 1/1 Equipped

INFORMATION EXTRACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Wide Range O2 Sensor Equipped

MultiAir Equipped

Engine Stop Start Equipped

Viscosity Sensor Equipped

Duty Cycle Purge Valve Equipped

Electric Thermostat Heater Equipped

Exhaust Cam 1 Equipped

Intake Cam 1 Equipped

engine

engine

engine

V6 Engine

Tumble Generator Valve Equipped

Hybrid Electric Vehicle Equipped

Auxiliary Heater Electric Water Pump Equipped

Dual Speed Fuel Pump Equipped

Exhaust Cam 2 Equipped

Intake Cam 2 Equipped

1 Speed Fan Mechanical Relay System Equipped

2 Speed Fan Mechanical Relay System Equipped

2 Speed Fan PWM Relay System Equipped

Linear PWM Fan Relay System Equipped

PWM Fan Motor System Equipped

3 Speed Fan Mechanical Relay System Equipped

Fan Wake Up Relay System Equipped

2 Speed Fan 3 Relay System Equipped

/ /

/

VLP Is Learnable Indicator

VLP Equipped Indicator

VFS Actuators Available Indicator

ERS Equipped Indicator

Engine Software In Package

Transmission Software Included

ICC Cruise Equipped

ETC Cruise equipped

Adaptive Cruise Control Equipped

A/C Equipped

Adaptive Cruise Control Hardware Equipped

INFO ACTION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

DUAL_ALTERNATOR_GEN1_LEARNEDCOPY

TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED

Equipped

Equipped

Equipped

Summins Equipped

Equipped

VMM Equipped

Powernet Equipped

Equipped

Equipped

Equipped

Next Gen Bus Equipped

Constant Heater Temperature Control Valve Equipped

High Side Port Tumble Valve Equipped

CMCV H-Bridge Equipped

Turbine Volute Valve Actuator Equipped

H-Bridge Equipped

Active Exhaust Valve Equipped

Active Exhaust Pressure Sensor Equipped

Engine Idle Shutoff Equipped

Aisin RWD Transmission Equipped

Cooled EGR Equipped

Supercharger Equipped

Low Temperature Radiator Coolant Pump Equipped

Mechanical Coolant Pump Heater Equipped

Auxiliary Coolant Pump Heater Equipped

Compressed Natural Gas Equipped

Write Programming Support Enabled

Active Engine Mount Equipped

ZF 9 Transmission Equipped

HPT Transmission Equipped

Variable Speed Fuel Pump Equipped

Operator Idle Speed Request Equipped

PTO System Equipped

Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped

Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped

Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped

Dual Equipped

Auxiliary Coolant Pump Equipped

Equipped

Equipped

INFO ACTION REJECTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Port Flap Valve Equipped

Brushless PWM Fan Equipped

V8 Engine

Primary Lin Alternator Equipped

Coolant On-Off Pump Equipped

Oil Pressure Sensor Enabled

Learning Strategy Equipped

Dual Fuel Tank Equipped

Yaw Rate Sensor ESC Equipped

I3 Engine

Coolant On-Off Valve Equipped

Buffered Crank Output for ANC (Active Noise Cancellation) Equipped

Buffered Crank Output for PHEV Engine Pulse Calculation Equipped

Throttle Inlet Temp Sensor Equipped

Humidity, Temperature and Pressure Sensor (LIN) Equipped

Dual Fuel Pressure Sensor Equipped

Brake Pedal Sensor Equipped

Dual Fuel Tank Equipped

PTO System Equipped

Low Temp Radiator Coolant Pump Equipped

Engine Idle Shutoff Equipped

A/C Relay Powered from Engine Switched Battery

CNG Large Gas Tank Equipped

Cooled EGR Equipped

Supercharger Equipped

Hybrid MEC Shifter Equipped

Dual Alternator Capable

Auxillary Coolant Pump Equipped

Trans Equipped

Trans Equipped

CUSW Cruise Equipped

Power Steering Angle Sensor Mandatory

Throttle Inlet Temp Sensor Equipped

LIN Humidity, Temp, and Pressure Sensor Equipped

Dual Fuel Pressure Sensor Equipped

Brake Pedal Sensor Equipped

Clutch Sensor Equipped

SWAP HARDWIRED BRAKE SWITCH INPUTS

Mass Airflow System Equipped

Bi-Directional Crank Sensor Equipped

5 Button Cruise (LIN) Equipped

Operator Idle Speed Request Equipped

INFORMATION EXEMPTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

EQUIPPED

Cylinder Pressure Sensor Equipped

Make Up Air Sensor Equipped

Active Exhaust Pressure Sensor Equipped

Secondary Mass Airflow Sensor Equipped

Engine

Direct Injection Engine

Variable Valve Lift Equipped

Coolant On/Off Pump Equipped

Primary Lin Alternator Equipped

Electronic Parking Brake Equipped

Active Exhaust Valve(s) Equipped

Mechanical Coolant Pump Equipped

Aux Coolant Pump Heater Equipped

Heater Temp Control Valve Equipped

High Side Port Tumble Valve Equipped

Wastegate HBridge Equipped

Remote Start Present

Engine Oil Pressure Sensor Type

ICS CONFIGURATION

NAME	VALUE	
Display Type (Base)		
Display Type (Mid)		
Display Type (High)		

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed		
VIN Successfully Programmed		
Valid Key In Ignition		
Keyless Go		
Ignition system type connected		
e-shifter present		
Auto Park Present		
Secret Codes Programmed		
Passive Entry		
Module Configuration Status		
Remote Start Present		
Programmed by		
Hardware Configuration: Remote Start Antenna		

Hardware Configuration: Front Left Door Handle H/W
Hardware Configuration: Front Right Door Handle H/W
Hardware Configuration: Rear Left Door Handle H/W
Hardware Configuration: Rear Right Door Handle H/W
Hardware Configuration: Trunk Door Handle H/W

RFHub Locked

Fob Location #1 Successfully Programmed
Fob Location #2 Successfully Programmed
Fob Location #3 Successfully Programmed
Fob Location #4 Successfully Programmed
Fob Location #5 Successfully Programmed
Fob Location #6 Successfully Programmed
Fob Location #7 Successfully Programmed
Fob Location #8 Successfully Programmed

Back Up Vehicle Config 1
Back Up Vehicle Config 2
Back Up Vehicle Config 3
Back Up Vehicle Config 4
Back Up Vehicle Config 5
Back Up Vehicle Config 6
Back Up Vehicle Config 7

Back Up ECU Configuration 1
Back Up ECU Configuration 2
Back Up ECU Configuration 3
Back Up ECU Configuration 4
Back Up ECU Configuration 5
Back Up ECU Configuration 6
Back Up ECU Configuration 7
Back Up ECU Configuration 8
Back Up ECU Configuration 9
Back Up ECU Configuration 10
Back Up ECU Configuration 11
Back Up ECU Configuration 12
Back Up ECU Configuration 13
Back Up ECU Configuration 14
Back Up ECU Configuration 15
Back Up ECU Configuration 16
Back Up ECU Configuration 17

Back Up Customer Settings Menu 1 ()
Back Up Customer Settings Menu 2 ()

Back Up Programmed ECUs: Cabin Network
Back Up Programmed ECUs: P/T Chassis Network

Secret Key Sent to Body Controller - Most recent attempt

Secret Key Sent to Body Controller - Original attempt

Base TPM Present

Full Size Matching Spare Tire Present

ECU Ship Status

Tire Pressure System

Selectable Tire Fill Alert

TPM Auto-Locate Enabled

TPMS Configuration

DTCM CONFIGURATION

NAME	VALUE	UNITS
Full-Time T-Case		
Front Locker Present		
Rear Locker Present		
FAD Present		
Mode Switch Present		
Left/Right Hand Drive		
Axle Ratio		
T-Case Type		
SRT Present		

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing		
EPPM		
Occupant Classification (OCM)		
Driver Seatbelt Buckle Switch		
Passenger Seatbelt Buckle Switch		
Left seat belt Switch		
Center seat belt Switch		
Second Row Right seat belt Switch		
Driver Seat Track Position Sensor		
Passenger Seat Track Position Sensor		
Passenger Occupant Detection Sensor		
Passenger Airbag Disable Switch		
Passenger Airbag Disable Indicator		
Driver Frontal Squib 1		
Driver Frontal Squib 2		
Driver Frontal Squib 3		
Passenger Frontal Squib 1		
Passenger Frontal Squib 2		

Passenger Frontal Squib 3
 Driver Knee Bolster Squib
 Passenger Knee Bolster Squib
 Driver Seatbelt Retractor Pretensioner
 Passenger Seatbelt Retractor Pretensioner
 Driver Seatbelt Load Limiter
 Passenger Seatbelt Load Limiter
 Driver Seatbelt Anchor Pretensioner
 Passenger Seatbelt Anchor Pretensioner
 Driver Seatbelt Buckle Pretensioner
 Passenger Seatbelt Buckle Pretensioner
 Left Curtain Squib 1
 Right Curtain Squib 1
 Left Side Seat Squib 1
 Right Side Seat Squib 1
 Left Seat Side Airbag
 Second Row Right Seat Side Airbag
 Driver Frontal Squib 4
 Passenger Frontal Squib 4
 Left Up-Front Acceleration Sensor
 Right Up-Front Acceleration Sensor
 Right B-Pillar Impact Acceleration Sensor
 Left B-Pillar Impact Acceleration Sensor
 Left C-Pillar Impact Acceleration Sensor
 Right C-Pillar Impact Acceleration Sensor
 Right D-Pillar Impact Acceleration Sensor
 Left D-Pillar Impact Acceleration Sensor
 Left Side Door Pressure Sensor
 Right Side Door Pressure Sensor
 Configuration Column Identifier

HVAC CONFIGURATION

NAME		
ATC Control (Factory)		
ATC Control		
MTC Control		
Single Zone MTC Control		
MTC With EBL		
MTC Without EBL		
MTC heater only		

AMP CONFIGURATION

NAME	VALUE	UNITS
C Calibration Date - Year		
C Calibration Date - Week		
C Calibration Date - Patch Level		
Current Calibration ID - Service		
C Status		
Surround Sound Activated		
Door Module - Left Front		
Door Module - Right Front		
Premuim - 1		
Premuim - 2		
Premuim - 3		
Non -		
No Rear Doors		
No Chimes		

IPC CONFIGURATION

NAME	VALUE	UNITS
Main Fuel Tank Gauge - Empty Stop Calibration		
Main Fuel Tank Gauge - Datum Calibration		
Main Fuel Tank Gauge - Datum Calibration		
Main Fuel Tank Gauge - Datum Calibration		
Main Fuel Tank Gauge - Full Stop Calibration		
Sub Fuel Tank Gauge - Empty Stop Calibration		
Sub Fuel Tank Gauge - Datum Calibration		
Sub Fuel Tank Gauge - Datum Calibration		
Sub Fuel Tank Gauge - Datum Calibration		
Sub Fuel Tank Gauge - Full Stop Calibration		

PTS CONFIGURATION

NAME	VALUE	UNITS
Rear System with		
Front System with		

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper		
Tilt Telescope		
Paddle Shifter		
Cruise Control / ACC		

BCM CONFIGURATION

NAME	VALUE	UNITS
RBSM		
LBSM		
BCM (Interior Bus)		
HSM		
HVAC		
PTCM		
Radio		
ITM		
AMP		
EDM		
HVAC_R		
TBM		
AHLM/AFLS		
ASCM		
BCM (PT)		
DTCM		
PCM		
EPS		
ESM		
ABS		
RFH		
IPC		
ORC		
PTS		
SCCM		
ELSD		
TCM		
TPM		
AFLS		
ITBM		
OCM		
DPDM		
Number of Reprogramming Attempts - Counter		
Vehicle Configuration Programmed Status		
Last Programmed Status		
Last Configuration Odometer		
Vehicle Configuration Auto Write Counter		
Vehicle Configuration 1 - Write Counter		

SessionID

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Vehicle Configuration 2 - Write Counter

Vehicle Configuration 3 - Write Counter

Vehicle Configuration 4 - Write Counter

Vehicle Configuration 5 - Write Counter

Vehicle Configuration 6 - Write Counter

Programmed ECUs: Cabin Network

Programmed ECUs: P/T Chassis Network

INFO

4.10

RESTRICTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

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Body Style	[REDACTED]	[REDACTED]	[REDACTED]
Maximum Vehicle Speed	[REDACTED]	[REDACTED]	[REDACTED]
Shifter Type	[REDACTED]	[REDACTED]	[REDACTED]
Performance Pages Present	[REDACTED]	[REDACTED]	[REDACTED]
Special Packages	[REDACTED]	[REDACTED]	[REDACTED]
PTS Configuration	[REDACTED]	[REDACTED]	[REDACTED]
Hill Descent Feature Present	[REDACTED]	[REDACTED]	[REDACTED]
Select Speed Control Feature Present	[REDACTED]	[REDACTED]	[REDACTED]
Power Inverter Type	[REDACTED]	[REDACTED]	[REDACTED]
Thatcham Present	[REDACTED]	[REDACTED]	[REDACTED]
Rain Sensor Present	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] System Present	[REDACTED]	[REDACTED]	[REDACTED]
Air Conditioning Present	[REDACTED]	[REDACTED]	[REDACTED]
Cruise Feature is Present	[REDACTED]	[REDACTED]	[REDACTED]
Flipper Glass Present	[REDACTED]	[REDACTED]	[REDACTED]
Full Size Spare	[REDACTED]	[REDACTED]	[REDACTED]
Off Road Capable	[REDACTED]	[REDACTED]	[REDACTED]
Special Packages	[REDACTED]	[REDACTED]	[REDACTED]
Max Load Inflation Pressure Rear Tire	[REDACTED]	[REDACTED]	[REDACTED]
Max Load Inflation Pressure Front Tire	[REDACTED]	[REDACTED]	[REDACTED]
Light Load Inflation Pressure Rear Tire	[REDACTED]	[REDACTED]	[REDACTED]
Police Lighting Feature	[REDACTED]	[REDACTED]	[REDACTED]
Power Lift Gate Present	[REDACTED]	[REDACTED]	[REDACTED]
Power Right Sliding Door Present	[REDACTED]	[REDACTED]	[REDACTED]
Power Left Sliding Door Present	[REDACTED]	[REDACTED]	[REDACTED]
RKE System Present	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] Present	[REDACTED]	[REDACTED]	[REDACTED]
T-Case Type	[REDACTED]	[REDACTED]	[REDACTED]
Wheel Base	[REDACTED]	[REDACTED]	[REDACTED]
FOBIK Safe Enable	[REDACTED]	[REDACTED]	[REDACTED]
ELV Present	[REDACTED]	[REDACTED]	[REDACTED]
Fuel Capacity	[REDACTED]	[REDACTED]	[REDACTED]
Window Express Feature Configuration	[REDACTED]	[REDACTED]	[REDACTED]
Adjustable Pedal Feature Present (non-Memory)	[REDACTED]	[REDACTED]	[REDACTED]
Auto Headlamp Feature Present	[REDACTED]	[REDACTED]	[REDACTED]
Door Alert Feature Present	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED] Present	[REDACTED]	[REDACTED]	[REDACTED]
Vehicle is an SRT	[REDACTED]	[REDACTED]	[REDACTED]
Disable Display of Radio Clock	[REDACTED]	[REDACTED]	[REDACTED]
Chassis Type	[REDACTED]	[REDACTED]	[REDACTED]
Display Outside Temperature Present	[REDACTED]	[REDACTED]	[REDACTED]
HVAC Configuration	[REDACTED]	[REDACTED]	[REDACTED]

INFO ACTION DELETED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOI), 5 U.S.C. 552 (B) (6)

Vehicle Brand

Display Compass Heading Present

Interior EC Mirror Present

system present

High Intensity Discharge Head Lamps

Secondary Lock Present

Liftgate/Trunk Type

Collision Mitigation System present

Forward Collision Warning present

Base system present

Premium system present

Paddle Shift Feature Present

Sport Mode Present

Auto Park Present

Passive Entry Present

Keyless Go Present

Transfer Case High Ratio

Axle Ratio

Transfer Case Low Range Reduction Ratio

Dynamic Tire Circumference (All or Rear)

Dual Rear Wheel (DRW) Vehicle Present

Reserved -	
Hood Ajar Switch Input Present - Pin	
Hard Top Sense Present -	
Reserved -	
Reserved - Pin	
Passenger Door Ajar Signal Present - Pin	
Reserved - Pin	
Reserved - Pin	
Starter Relay Lowside Coil Drive - Pin D7	
Diesel Cabin Heater #2 Output Present - Pin D9	
Diesel Cabin Heater #3 Output Present - Pin D10	
Diesel Cabin Heater #1 Output Present - Pin D11	
Right Dedicated DRL Lamp Output Present - Pin	
Left Dedicated DRL Lamps Output Present - Pin	
Flipper Glass #2 Output Present	
Foot Well Lamps Output Present - Pin	
Front Fog Lamps Output Present - Pin A1 &	
Inverter Enable Relay Output Present - Pin	
Reserved -	
Gated Park ZFI Output Present - Pin D-	
Reserved - Pin	
Rear Fog Lamps Output Present - Pin &	
Rear Park Lamps Output Present - Pin &	
Rear Turn Lamps Output Present - Pin &	
Run-ACC Y Relay #2 Output Present - Pin	
Side Markers Output Present - Pin &	
Trailer Backup Lamps Output Present - Pin	
Reserved - Pin F4	
UGDO Feed Output Present - Pin	
Warning LED Output Present - Pin	
Park Brake Input Present - Pin	
Ambient Temperature Sensor Present - Pin	
Tip Start Enabled	
Dual Start Relay System Present	
Wiper Service Position Enabled	
Trailer Tow Present	
Quad Headlamps Enable	
Horn Chirp Allowed	
Bi Xenon Headlamps Enable	
Hazard Lamp Configuration	
Park Lamp Loadshed Enable	
Front Fog Lamp Dropout Enable	

Combined Rear Lighting Enable

Side Repeaters Enable

Change

Exterior Light Loadshed Enable

Front Wiper Park Enable

Rear Wiper Park Enable

Reversible Washer Pump Enable

Tail Lamp

DRL Configuration

DRL Lamp Location

DRL Dropout Enable

Tunnel Detection

Military Vehicle Present

LED Reverse Lamps Present

LED Stop Lamps Present

LED Rear Turn Lamps Present

LED Tail Lamps Present

LED Rear Fog Lamps Present

LED License Lamps Present

LED Front Turn Lamps Present

LED Front Fog Lamps Present

LED Dedicated DRL Present

LED Low Beam Lamps Present

LED High Beam Lamps Present

LED Front Park/Marker Lamps Present

Door Lock Switch Signal FT LT Usage (F9)

Door Lock Switch Signal FT RT Usage (F23)

Headlamp Wash Interval

Headlamp Wash Shot

Front Wiper Wipes After Wash

Headlamp Washer Low Fluid Shut-Off Enable

Intermittent Wiper States

LED CHMSL Lamp Present

Rear Camera Present

Power Inverter Present

Front Park Assist Present

Front Heated Seats Present

Front Ventilated Seats Present

Destination

Cabin Equilization Curve Number

Hill Start Assist Customer Setting Option Present

Radio Apps Present

INFO ACTION DEACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOI), 5 U.S.C. 552 (B) (6)

CTP Easy Entry Enable

CTP Passive Entry Present

CTP Auto Lock Disable

SDAR Travel Link Present

DAB Present

Vehicle Theft Alarm Present

Heated Steering Wheel Present

VIN Check Digit Disable

Surround Sound Feature Present

Power Door Lock Present

Antenna Type

CTP Max AC Present

Hybrid Electric Powertrain Present

Disable CD Eject

DTV Front Camera Present

DTV Side Camera Present

Tow Haul Present

Hill Descent Control Present

Audio Steering Wheel Switch Configuration

Radio Display On/Off Softkey Present

Microphone Tuning Parameter

Microphone Configuration

Microphone Type

External Port Type

Splashscreen Type

ERS Available

Rear Wheel Dually

Max Gear

Virtual Speedometer Units

Speedometer Range Max Scale

IC Config Feature

PTO Present

AMB Dimmer

Heated Seat Present

Split Shaft Present

Manual Headlamp Leveling

Gear Shift Indicator

Service Interval

Temperature Celsius for UK

Type of Gallons

Tip Start Present

5 Trunk Lock

Airport Scenario Trunk Set

AP1 Left Front

AP2 Right Front

AP3 Left Rear

AP4 Right Rear

Global Up

Global Down

Sun Shade

Puddle Lamp Present

Rear Door Pre Shock Drop

Passenger Window Lockout

Auto Power Folding Mirrors Present

Folding mirrors present

Heated Mirrors Present

Mirror turn signals present

Driver Memory Mirrors Present

Passenger Memory Mirror Present

Electro-chromatic driver mirror present

Electro-chromatic passenger mirror present

Tow Mirror Present

Blindspot Mirror Present

Window Motor Type

Window Hall Sensors Present

Frameless Window Present

Memory Adjustable Pedals Present

Tilt/Telescope Steering Present

Memory Seat Present

Rear Heated Seats Present

Front Vented Seats Present

Heated Steering Wheel Present

Heated Seat Material Type

Heated Wheel Material Type

Rear Vented Seats Present

Front Heated Seat Present

Brake System ECU Configuration A

Wheel overall ESC Maserati

Brake System ECU Configuration B

ECO Mode Configuration

Dual Alternator Present

ODS Present

Driver Kneebag Present

Passenger Kneebag Present

Curtain Airbags Present		
Tow Hooks Present		
Passive Ped Pro Present		
Present		
Reserved		
Reserved		
Integrated EPP Present		
BUX vehicle		
Signature Light Present		
Dual Filament Headlamp		
Front Turn Lamp Diagnostics		
Auto Headlamp On Threshold		Volt
Auto Headlamp Off Threshold		Volt
Left Low Beam Voltage Regulation		
Left High Beam Voltage Regulation		
Right Low Beam Voltage Regulation		
Right High Beam Voltage Regulation		
Left Front Corner Voltage		
Right Front Corner Voltage		
Left Rear Corner Voltage		
Right Rear Corner Voltage		
Panic Enable		
Compass Mounting Orientation		
Washer Fluid Level Voltage Threshold		
IBS Present		
M Present		
Humidity Sensor Present		
Manual Trans Present		
DC to DC Converter Present		
M Present		
Auto Relock Time		seconds
System Present		
DC to DC Converter #2 Present		
Illuminated Approach Interior Lighting Target Percentage		
Illuminated Approach Headlamp Target Percentage		
Illuminated Approach Taillamp Target Percentage		
Illuminated Approach Interior Lighting Ramp Up Time		
CRVMM Present		
EVIC Switch Module Present		
Compass Mounting Angle		Degree
Backup Reverse Lamp Left Present - Pin F41		
Backup Reverse Lamp Right Present - Pin		

INFO A LOW PUBLISHED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOI), 5 U.S.C. 552 (B) (6)

Stop/Turn Lamp or Stop Lamp Present Pin &		
Left High Beam Present - Pin D1		
Right High Beam Present - Pin A2		
Left Front Lamp Diagnostics Present - Pin		
Right Front Lamp Diagnostics Present - Pin		
Left Rear Turn Lamp Diagnostics Present - Pin		
Right Rear Turn Lamp Diagnostics Present - Pin		
Brake Fluid Level Switch Signal Present - Pin		
Siren		
Ultrasonics		
Tilt		
Swing Gate Lock Present - Pin		
Swing Gate Unlock Present - Pin		
Front Fog Voltage		
Rear Fog Voltage		
CHMSL Lamp Output Disable		
Secondary Door Ajar Present - Pin		
Manual Door Locks Present		
Rain Sensor Module #2 Present		
Auto High Beam Module Location		
Average Last Longitudinal Acceleration Values		
Average Last Lateral Acceleration Values		
Excess Longitudinal Acceleration Factor		
Excess Lateral Acceleration Factor		
Brake Smoothing Duration		
Brake Smoothing Factor		
Steering Smoothing Duration		
Steering Smoothing Factor		
Steering Smoothing Threshold		
Brake Smoothing Threshold		
Maximum Longitudinal Change		
Maximum Lateral Change		
Acceleration Threshold		
Acceleration Factor		
Nose Dive Threshold		
Nose Dive Factor		
RKE Auto-Relock Feature Enable		
PE Auto-Relock Feature Enable		
VTA Hood Ajar Monitoring		
Horn Chirp Duration		
Pitch and Roll Present		
Parking Light Enable		

INFO
 AION
 ED ACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOI), 5 U.S.C. 552 (B) (6)

Minimum Voltage Time	
M Battery Minimum Voltage	
Interior Lighting Night Threshold	
Interior Lighting Day Threshold	
Axle Locker Configuration	
Transmission Equipped	
Park Brake Type	
TPMS Configuration	
Hybrid Type	
TSBM Module Present	
RR feature Present	
AGS Feature Present	
Temperature Display Resolution	
PTC Present	
Glovebox Control	
Glare Free Present	
Brake Type	
Suspension Type	
Park assist customer settings menu	
Park assist brake customer settings menu	
Park assist front volume customer settings menu	
Park assist rear volume customer settings menu	
Electric power steering customer settings menu	
Forward collision warning customer settings menu	
Auto on driver comfort customer settings menu	
Auxiliary switches customer settings menu	
Rear view camera gridlines customer settings menu	
Unit set customer settings menu	
Power accessory delay customer settings menu	
Ambient dimmer customer settings menu	
Tire jack mode customer settings menu	
Air suspension warning customer settings menu	
Automatic aero mode customer settings menu	
Auto high beam customer settings menu	
Auto park customer settings menu	
Blind spot alert customer settings menu	
Clock display customer settings menu	
Compass calibration customer settings menu	
Compass variance customer settings menu	
Consumption unit customer settings menu	
Distance unit customer settings menu	
Auto door lock customer settings menu	

INFO ACTION
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Easy exit seat customer settings menu

Auto entry exit mode customer settings menu

EPB service mode customer settings menu

Headlamp drop customer settings menu

Headlamp off delay customer settings menu

Headlamps on with wiper customer settings menu

Passive entry customer settings menu

Illuminated approach customer settings menu

Lane departure torque customer settings menu

Lane departure warning customer settings menu

Rear camera customer settings menu

Rain sensitive wipers customer settings menu

Power take off customer settings menu

Pressure unit customer settings menu

Power unit customer settings menu

Power liftgate chime customer settings menu

Performance shift enable customer settings menu

Rear view camera delay customer settings menu

RKE unlock customer settings menu

Speed unit customer settings menu

Tilt mirror in reverse customer settings menu

Torque unit customer settings menu

Teen Key Fuel Pop-up Customer Settings Menu

Teen Key Automatic High Beam Customer Settings Menu

Passenger Airbag On/Off Customer Settings Menu

Forward Collision Warning and Brake Customer Settings Menu

Doors and Engine Off Power Delay Customer Settings Menu

Radio Speaker Open Circuit Disable (LF)

Radio Speaker Open Circuit Disable (RF)

Radio Speaker Open Circuit Disable (LR)

Radio Speaker Open Circuit Disable (RR)

Calibration Parameter Data Set

Surround View Camera On/Off Softkey Present

Drive Mode Version

Rear Defrost and Heated Mirrors Present

Show Phone Information in Cluster

Auto Dimming Mirror Hard Button Present

-Fi Present

Automatic Crash Notification Feature Present

Trailer Hitch Camera Present

Park Assist Tuning Set

Rear Defrost Presence

INFO A 10V-EDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOI), 5 U.S.C. 552 (B) (6)

Heated Mirrors Present		
Engine Displacement		
Steering C Factor	3	
Speedometer Tolerance		
Increasing speed constant		
Tachometer		
DTV Present		
Tri-State Comfort Climate Softkey Function Present		

RADIO CONFIGURATION

NAME		
Satellite Subscription ID		
Satellite Subscription Status		
Satellite Subscription Reason Code		
Satellite Subscription Suspend Day		
Satellite Subscription Suspend Month		
Satellite Subscription Suspend Year		
Button		
SDARS		
Navigation Active		
Cellular		
Internal CD Player		
Wi-Fi		
Bluetooth		
Application Framework		
FM Diversity		
Clock Defeat		
Automated Loudness		
Anti-Theft Enable Status		
Time Selection		
Front Seat Video Playback		
Cabin EQ Curve Number Currently Used by Radio		
Splash Screen		
Compass on the bus messaging Authorization		
GPS on the Bus messaging Authorization		
USB Hubs Detected		
SD Card Readers Detected		
Enumerated USB Devices		
Aux Jack		
DTV Short Term Configuration		

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	[REDACTED]	
Teen Key	[REDACTED]	
CFG FEATURE	[REDACTED]	

ROSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	[REDACTED]	
Teen Key	[REDACTED]	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line Identification	[REDACTED]	
Displacement	[REDACTED]	No Unit
Hybrid Type	[REDACTED]	
Trans Type	[REDACTED]	
Drive Configuration	[REDACTED]	
Chassis Type	[REDACTED]	
Axle Ratio	[REDACTED]	No Unit
Tire Circumference	[REDACTED]	

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (OW), 5 U.S.C. § 552 (B) (6)



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VEHICLE HEALTH REPORT

Vehicle **[REDACTED]** DI TURBO PHEV ENGINE **[REDACTED]**

ECU SUMMARY INFO

ECU	NAME	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TCM	Transmission Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	Powertrain Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	Integrated Center Stack	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	Radio Frequency Hub	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	Electronic Shifter	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	Drive Train Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	Occupant Restraint	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	Electric Power Steering	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	Heat, Ventilation and A/C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	Amplifier	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTS	Parktronics	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	Steering Column Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	Body Controller	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	Radio	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	Occupant Classification	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
LBSS	Left Blind Spot Sensor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RBSS	Right Blind Spot Sensor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	Battery Pack Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	Hybrid Control Processor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SessionID # **[REDACTED]**

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Auxiliary Hybrid

INFORMATION

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SERIAL NUMBER

CVNS

(b) (5) U.S.C. 552 (B) (6)

NUMBER	TYPE	RSU #	DESCRIPTION

JL PHEV

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
RC-	RECALL		
RC-I			

ABSO ABSO PHEV APAC

Applicable Bulletins

NUMBER	TYPE	RSU #	DESCRIPTION
	TSB		

RSUS

RSU #	DESCRIPTION	STATUS
		Complete

RECALLS

RECALL #	DESCRIPTION	STATUS
		Complete
		Complete
		Complete

DTC SUMMARY

DTC CODE	DTC DESCRIPTION	STATUS
		Active
		Stored
		Stored

DATA SUMMARY

RADIO | 0 | Active | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTCTable		
TestFailed		
TestFailedThisMonitoringCycle		
Pending DTC		
Confirmed DTC		
Test Not Completed This Monitoring Cycle		
Warning Indicator Requested		

SessionID

552 (B) (6)

INFO

[REDACTED] ExtendedDataRecordNumber	[REDACTED]
Occurance Flag	[REDACTED]
Reserved	[REDACTED]
Original Odometer Value	[REDACTED]
Most Recent Odometer Value	[REDACTED]
Frequency Counter	[REDACTED]
Ignition Counter	0
[REDACTED]	[REDACTED]
Event Counter	[REDACTED]

HCP | [REDACTED] Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
[REDACTED]	[REDACTED]	
Test Failed	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
Original Odometer Value	[REDACTED]	
Most Recent Odometer Value	[REDACTED]	
Frequency Counter	[REDACTED]	
[REDACTED] Cycle Counter	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
Real time clock	[REDACTED]	
RAM stamps keyOn	[REDACTED]	
RAM Stamps	[REDACTED]	
Accelerator Pedal Position	[REDACTED]	
Barometric Pressure	[REDACTED]	
Engine Coolant Temperature	[REDACTED]	
Engine Speed	[REDACTED]	
Vehicle Speed	[REDACTED]	
HV Battery SOC	[REDACTED]	
Brake Switch Status	[REDACTED]	
[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	
Battery Feed Voltage 3	[REDACTED]	

552 (B) (6)

Internal EPS Voltage Sense A

Internal EPS Voltage Sense B

Hybrid System State

Actual Torque - Motor A

Actual Torque - Motor B

Available Motor Torque - Motor A

Available Motor Torque - Motor B

Available Regen Torque - Motor A

Available Regen Torque - Motor B

Commanded Torque - Motor A

Commanded Torque - Motor B

Motor A - Inverter Current - phase A

Motor A - Inverter Current - phase B

Motor A - Inverter Current - phase C

Motor B - Inverter Current - phase A

Motor B - Inverter Current - phase B

Motor B - Inverter Current - phase C

Motor A Resolver Angle

Motor B Resolver Angle

Motor A Temp Sensor

Motor B Temp Sensor

Outside Air Temperature

°F

Ignition State

HCP ePT Wake-Up Output

CBC Wake-Up Input

EPT LOC Diag Enable

Propulsion System Active

HV Contactor Status

HV Battery Voltage from BPCM

Electric Motor A Speed

Electric Motor B Speed

PIM DC Link Voltage - A

PIM DC Link Voltage - B

Inverter A IGBT Temperature for phase A

Inverter A IGBT Temperature for phase B

Inverter A IGBT Temperature for phase C

Inverter B IGBT Temperature for phase A

Inverter B IGBT Temperature for phase B

Inverter B IGBT Temperature for phase C

APM Status

Impact Event

PRND Position Display

SessionID

INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

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System Shutdown Command	
PHEV Charging Status	
Distance Travelled with Light ON	
OBCM Operating Mode	
Detected State	
HV Battery Sleep Time	
Build Release Version	
SW Version	
High Voltage bus voltage fault status	
Lv1 Engine Speed	
Lv1 Vehicle Speed	
Lv1 Ignition State	
Commanded Ignition State	
Ignition Switch	
HV Battery Contactor Fault Active	
eMotor A Mode Command	
HV Battery Contractor State	
Vehicle Speed	
Lv1 In Field Mode	
Lv1 Resolver Offset Learn	
CAN-C BusOff	
CAN-ePT BusOff	
Lv1 Post Code Clear Diag Disabled	
CAN Key Status Fault Active	
Test Device Present	
Output Torque Max Limit Fail	
Output Torque Min Limit Fail	
Lv1 Diagnostic System Disabled	
Lv1 Disabled Diagnostic Fail Safe	
CAN Hybrid Feedback ECM	
eMotor B Mode Command	
Motor A Inverter SW Command	
Motor B Inverter SW Command	
Output Torque Command Fault	
Lv1 Retarded Shutdown	
Lv1 System Shutdown	
Motor Mode Failure	
Key Run Crank Active	
CAN Key In Run	
Motor Mode Monitor Not Allowed	
Motor Mode Falling	
Motor Mode Monitor Set	

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Month Day [REDACTED]Hours [REDACTED]

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Engine Coolant Temperature	°F
Engine Speed	rpm
Vehicle Speed	MPH
HV Battery SOC	%
Brake Switch Status	
Battery Feed Voltage 1 Sense	Volts
Battery Feed Voltage 2 Sense	Volts
Battery Feed Voltage 3 Sense	Volts
Internal EPS Voltage Sense A	Volts
Internal EPS Voltage Sense B	Volts
Hybrid System State	
Actual Torque - Motor A	Ft-Lbs
Actual Torque - Motor B	Ft-Lbs
Available Motor Torque - Motor A	Ft-Lbs
Available Motor Torque - Motor B	Ft-Lbs
Available Regen Torque - Motor A	Ft-Lbs
Available Regen Torque - Motor B	Ft-Lbs
Commanded Torque - Motor A	Ft-Lbs
Commanded Torque - Motor B	Ft-Lbs
Motor A - Inverter Current - phase A	AMP
Motor A - Inverter Current - phase B	AMP
Motor A - Inverter Current - phase C	AMP
Motor B - Inverter Current - phase A	AMP
Motor B - Inverter Current - phase B	AMP
Motor B - Inverter Current - phase C	AMP
Motor A Resolver Angle	Degree
Motor B Resolver Angle	Degree
Motor A Temp Sensor	°F
Motor B Temp Sensor	°F
Outside Air Temperature	°F
Ignition State	
HCP ePT Wake-Up Output	
CBC Wake-Up Input	
EPT LOC Diag Enable	
Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	Volts
Electric Motor A Speed	rpm
Electric Motor B Speed	rpm
PIM DC Link Voltage - A	Volts
PIM DC Link Voltage - B	Volts
Inverter A IGBT Temperature for phase A	°F

Inverter A IGBT Temperature for phase B °F
Inverter A IGBT Temperature for phase C °F
Inverter B IGBT Temperature for phase A °F
Inverter B IGBT Temperature for phase B °F
Inverter B IGBT Temperature for phase C °F

APM Status

Impact Event

PRND Position Display

HCP System Shutdown Command

PHEV Charging Status

Distance Travelled with Light ON

OBCM Operating Mode

Detected State

HV Battery Sleep Time

SW Build Release Version

HCP SW Version

High Voltage bus voltage fault status

Lv1 Engine Speed

Lv1 Vehicle Speed

Lv1 Ignition State

Commanded Ignition State

Ignition Switch

HV Battery Contactor Fault Active

eMotor A Mode Command

HV Battery Contractor State

Vehicle Speed

Lv1 In Field Mode

Lv1 Resolver Offset Learn

CAN-C BusOff

CAN-ePT BusOff

Lv1 Post Code Clear Diag Disabled

CAN Key Status Fault Active

Test Device Present

Output Torque Max Limit Fail

Output Torque Min Limit Fail

Lv1 Diagnostic System Disabled

Lv1 Disabled Diagnostic Fail Safe

CAN Hybrid Feedback ECM

eMotor B Mode Command

Motor A Inverter SW Command

Motor B Inverter SW Command

Output Torque Command Fault

Retarded Shutdown	
System Shutdown	
Motor Mode Failure	
Key Run Crank Active	
CAN Key In Run	
Motor Mode Monitor Not Allowed	
Motor Mode Failing	
Motor Mode Monitor Set	
Prime Running	
Motor Mode Fault Count	
Commanded Reduced Performance Torque	
Flag to trigger Reduced Performance Mode	
Output Torque Monitor Failing - Max Lim Violated	
Output Torque Monitor Failing - Min Lim Violated	
Output Torque Monitor Failed - Max Lim Violated	
Output Torque Monitor Failed - Min Lim Violated	
Regen Monitor Fault	
Reduced Performance Mode	
GPS Date - Year	
GPS Date - Month	
GPS Date - Day	
UTC Time - Hours	
UTC Time - Minutes	
Time -	
ECU Time -	

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5 U.S.C. 552 (B) (6)

VEHICLE SCAN REPORT

Vehicle VIN [REDACTED] DI TURBO PHEV ENGINE

Odometer [REDACTED]
Publication Date [REDACTED]

ECU SUMMARY INFO

ECU	NAME	DATE	CURRENT VIN	ORIGINAL VIN	PART #
TCM	Transmission Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PCM	Powertrain Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ICS	Integrated Center Stack	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RFH	Radio Frequency Hub	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ESM	Electronic Shifter	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DTCM	Drive Train Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ORC	Occupant Restraint	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EPS	Electric Power Steering	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HVAC	Heat, Ventilation and A/C	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AMP	Amplifier	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IPC	Instrument Panel Cluster	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PTS	Parktronics	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCCM	Steering Column Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BCM	Body Controller	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RADIO	Radio	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OCM	Occupant Classification	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
LBSS	Left Blind Spot Sensor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RBSS	Right Blind Spot Sensor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BPCM	Battery Pack Control Module	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
HCP	Hybrid Control Processor	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SessionID [REDACTED]

Auxiliary Hybrid

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5 U.S.C. 552 (B) (6)

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[REDACTED] [REDACTED] [REDACTED] [REDACTED]

ENVIRONMENTAL DATA SUMMARY

RADIO | 0 | Active | CAN C Bus Off Performance-

NAME		
DTCTable		
TestFailed		
TestFailedThisMonitoringCycle		
Pending DTC		
Confirmed DTC		
Test Not Completed This Monitoring Cycle		
Warning Indicator Requested		
DTCExtendedDataRecordNumber		
Occurance Flag		
Reserved		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Counter		
Event Counter		

Stored | Power Inverter Module - Incorrect Control Mode-

NAME	VALUE	UNITS
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		
Most Recent Odometer Value		
Frequency Counter		
Ignition Cycle Counter		
Microcontroller reset reason - 0		
Microcontroller reset reason - 1		

Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Barometric Pressure		
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed		MPH
HV Battery SOC		%
Brake Switch Status		
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Actual Torque - Motor A		
Actual Torque - Motor B		
Available Motor Torque - Motor A		
Available Motor Torque - Motor B		
Available Regen Torque - Motor A		
Available Regen Torque - Motor B		
Commanded Torque - Motor A		
Commanded Torque - Motor B		
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Electric Motor A Speed	
Electric Motor B Speed	
PIM DC Link Voltage - A	
PIM DC Link Voltage - B	
Inverter A IGBT Temperature for phase A	
Inverter A IGBT Temperature for phase B	
Inverter A IGBT Temperature for phase C	
Inverter B IGBT Temperature for phase A	
Inverter B IGBT Temperature for phase B	
Inverter B IGBT Temperature for phase C	
APM Status	
Impact Event	
PRND Position Display	
HCP System Shutdown Command	
PHEV Charging Status	
Distance Travelled with Light ON	
OBCM Operating Mode	
Detected State	
HV Battery Sleep Time	
SW Build Release Version	
HCP SW Version	
High Voltage bus voltage fault status	
Engine Speed	
Vehicle Speed	
Ignition State	
Commanded Ignition State	
Ignition Switch	
HV Battery Contactor Fault Active	
eMotor A Mode Command	
HV Battery Contractor State	
Vehicle Speed	
In Field Mode	
Resolver Offset Learn	
CAN-C BusOff	
CAN-ePT BusOff	
Post Code Clear Diag Disabled	
CAN Key Status Fault Active	
Test Device Present	
Output Torque Max Limit Fail	
Output Torque Min Limit Fail	
Diagnostic System Disabled	
Disabled Diagnostic Fail Safe	

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

CAN Hybrid Feedback ECM	[REDACTED]	
eMotor B Mode Command	[REDACTED]	
Motor A Inverter SW Command	[REDACTED]	
Motor B Inverter SW Command	[REDACTED]	
Lv2 Output Torque Command Fault	[REDACTED]	
Lv1 Retarded Shutdown	[REDACTED]	
Lv1 System Shutdown	[REDACTED]	
Lv2 Motor Mode Failure	[REDACTED]	
Lv2 Key Run Crank Active	[REDACTED]	
Lv2 CAN Key In Run	[REDACTED]	
Lv2 Motor Mode Monitor Not Allowed	[REDACTED]	
Lv2 Motor Mode Failing	[REDACTED]	
Lv2 Motor Mode Monitor Set	[REDACTED]	
Lv2 Prime Running	[REDACTED]	
Lv2 Motor Mode Fault Count	[REDACTED]	
[REDACTED] Commanded Reduced Performance Torque	[REDACTED]	Ft-Lbs
[REDACTED] Flag to trigger Reduced Performance Mode	[REDACTED]	
[REDACTED] Output Torque Monitor Failing - Max Lim Violated	[REDACTED]	
[REDACTED] Output Torque Monitor Failing - Min Lim Violated	[REDACTED]	
[REDACTED] Output Torque Monitor Failed - Max Lim Violated	[REDACTED]	
[REDACTED] Output Torque Monitor Failed - Min Lim Violated	[REDACTED]	
[REDACTED] Regen Monitor Fault	[REDACTED]	
[REDACTED] Reduced Performance Mode	[REDACTED]	
GPS Date - Year	[REDACTED]	Year
GPS Date - Month	[REDACTED]	
GPS Date - Day	[REDACTED]	
UTC Time - Hours	[REDACTED]	
UTC Time - Minutes	[REDACTED]	
UTC Time - [REDACTED]	[REDACTED]	
ECU Time - [REDACTED]	[REDACTED]	

P | [REDACTED] | Stored | Internal Control Module Torque Calculation Performance-

NAME	VALUE	UNITS
[REDACTED]	[REDACTED]	
Test Failed	[REDACTED]	
Test Failed This Operation Cycle	[REDACTED]	
Pending DTC	[REDACTED]	
Confirmed DTC	[REDACTED]	
Test Not Completed Since Last Clear	[REDACTED]	
Test Failed Since Last Clear	[REDACTED]	
Test Not Completed This Operation Cycle	[REDACTED]	
Warning Indicator Requested	[REDACTED]	

Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter	1	
Ignition Cycle Counter		
Microcontroller reset reason -		
Microcontroller reset reason -		
Real time clock		sec
RAM stamps left on		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Barometric Pressure		
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed		MPH
HV Battery SOC		%
Brake Switch Status		
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Actual Torque - Motor A		Ft
Actual Torque - Motor B		Ft
Available Motor Torque - Motor A		Ft
Available Motor Torque - Motor B		Ft
Available Regen Torque - Motor A		Ft
Available Regen Torque - Motor B		Ft
Commanded Torque - Motor A		Ft
Commanded Torque - Motor B		Ft
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F

INFORMATION REDACTED PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552 (B) (6)

Outside Air Temperature	
Ignition State	
HCP ePT Wake-Up Output	
CBC Wake-Up Input	
EPT LOC Diag Enable	
Propulsion System Active	
HV Contactor Status	
HV Battery Voltage from BPCM	
Electric Motor A Speed	
Electric Motor B Speed	
PIM DC Link Voltage - A	
PIM DC Link Voltage - B	
Inverter A IGBT Temperature for phase A	°F
Inverter A IGBT Temperature for phase B	
Inverter A IGBT Temperature for phase C	
Inverter B IGBT Temperature for phase A	
Inverter B IGBT Temperature for phase B	
Inverter B IGBT Temperature for phase C	
APM Status	
Impact Event	
PRND Position Display	
HCP System Shutdown Command	
PHEV Charging Status	
Distance Travelled with Light ON	
OBCM Operating Mode	
Detected State	
HV Battery Sleep Time	
SW Build Release Version	
HCP SW Version	
High Voltage bus voltage fault status	
Lv1 Engine Speed	
Lv1 Vehicle Speed	
Lv1 Ignition State	
Commanded Ignition State	
Ignition Switch	
HV Battery Contactor Fault Active	
eMotor A Mode Command	
HV Battery Contractor State	
Vehicle Speed	
Lv1 In Field Mode	
Lv1 Resolver Offset Learn	
CAN-C BusOff	

CAN-ePT BusOff		
Lv1 Post Code Clear Diag Disabled		
CAN Key Status Fault Active		
Test Device Present		
Output Torque Max Limit Fail		
Output Torque Min Limit Fail		
Diagnostic System Disabled		
Lv1 Disabled Diagnostic Fail Safe		
CAN Hybrid Feedback ECM		
eMotor B Mode Command		
Motor A Inverter SW Command		
Motor B Inverter SW Command		
Output Torque Command Fault		
Lv1 Retarded Shutdown		
Lv1 System Shutdown		
Motor Mode Failure		
Key Run Crank Active		
CAN Key In Run		
Motor Mode Monitor Not Allowed		
Motor Mode Falling		
Motor Mode Monitor Set		
Prime Running		
Motor Mode Fault Count		
Commanded Reduced Performance Torque		Ft-Lbs
Flag to trigger Reduced Performance Mode		
Output Torque Monitor Failing - Max Lim Violated		
Output Torque Monitor Failing - Min Lim Violated		
Output Torque Monitor Failed - Max Lim Violated		
Output Torque Monitor Failed - Min Lim Violated		
Regen Monitor Fault		
Reduced Performance Mode		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		
UTC Time - Hours		
UTC Time - Minutes		
Time -		
ECU Time -		

SNAPSHOT DATA SUMMARY

No Snapshot Data available for

No Snapshot Data available for

SessionID

No Snapshot Data available for

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1 Alerts

HCP

Switch ECU

Hybrid Control Processor

FlashDTCsDataMisc FunctionsSystem TestsActuatorsDetailsConfiguration

Type: AllRecordUnits: ImperialFilterGraphDataClear0.75 sresolver

Combustion Engine Auto Stop Inhibit Reasons0 items+

Combustion Engine Start Inhibit Reasons0 items+

Remedial Actions History0 items+

Combustion Engine Stop Start Failure Reasons0 items+

Combustion Engine Immediate Stop Reasons0 items+

Combustion Engine Auto Stop Inhibit Reasons+

Regen Braking Status0 items+

HCP System Shutdown Command0 items+

Electric Only Mode Fail Status0 items+

Electric Air Compressor () Status0 items+

HV Cable Connector Status0 items+

Ungrouped Data-

NAME	VALUE	UNIT	TYPE	
Motor A Resolver Offset Learn			Sensors	
			Sensors	
			Sensors	
			Sensors	
		Degree	Sensors	
		Degree	Sensors	
Motor A Resolver Angle Offset				
Motor B Resolver Angle Offset				
Motor A Resolver Supply Voltage Value			Sensors	
Motor B Resolver Supply Voltage Value			Sensors	
Motor A Resolver to Digital Low			Sensors	
			Sensors	
Level Driver Faults				
Resolver Offset Learn			Sensors	

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1 Alerts

IBS

14.00

- Internal Control Module Torque Calculation Performance-

Environmental Data

Snapshot Data

NAME	VALUE	UNIT
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Microcontroller reset reason - 0		
Microcontroller reset reason - 1		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Barometric Pressure		
Engine Coolant Temperature		°F
Engine Speed		rpm
Vehicle Speed		MPH
HV Battery SOC		%
Brake Switch Status		
Battery Feed Voltage 1 Sense		
Battery Feed Voltage 2 Sense		
Battery Feed Voltage 3 Sense		
Internal EPS Voltage Sense A		
Internal EPS Voltage Sense B		
Hybrid System State		
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Ignition State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
PIM DC Link Voltage - A		
PIM DC Link Voltage - B		
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F

NAME

Sleep Time

SW Build Release Version

SW Version

Lv1 Engine Speed

Lv1 Vehicle Speed

Lv1 Ignition State

↑

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1 Alerts

IBS 14.00

HCP

Exit

- Power Inverter Module - Incorrect Control Mode-

Environmental Data

Snapshot Data

NAME	VALUE	UNIT
DTC		
Test Failed		
Test Failed This Operation Cycle		
Pending DTC		
Confirmed DTC		
Test Not Completed Since Last Clear		
Test Failed Since Last Clear		
Test Not Completed This Operation Cycle		
Warning Indicator Requested		
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Microcontroller reset reason - 0		
Microcontroller reset reason - 1		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position	0	%
Barometric Pressure		
Engine Coolant Temperature		°F
Engine Speed	0	
Vehicle Speed		MPH
HV Battery SOC		
Brake Switch Status		
Battery Feed Voltage 1 Sense		
Battery Feed Voltage 2 Sense		
Battery Feed Voltage 3 Sense		
Internal EPS Voltage Sense A		
Internal EPS Voltage Sense B		
Hybrid System State		
Actual Torque - Motor A		
Actual Torque - Motor B		
Available Motor Torque - Motor A		
Available Motor Torque - Motor B		
Available Regen Torque - Motor A		
Available Regen Torque - Motor B		
Commanded Torque - Motor A		
Commanded Torque - Motor B		
Motor A - Inverter Current - phase A		
Motor A - Inverter Current - phase B		
Motor A - Inverter Current - phase C		
Motor B - Inverter Current - phase A		
Motor B - Inverter Current - phase B		
Motor B - Inverter Current - phase C		
Motor A Resolver Angle		
Motor B Resolver Angle		Degree
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		
Ignition State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
Propulsion System Active		
HV Contactor Status		
HV Battery Voltage from BPCM		
Electric Motor A Speed		
Electric Motor B Speed		
PIM DC Link Voltage - A		
PIM DC Link Voltage - B		
Inverter A IGBT Temperature for phase A		
Inverter A IGBT Temperature for phase B		
Inverter A IGBT Temperature for phase C		°F

NAME	VALUE
Inverter B IGBT Temperature for phase A	[REDACTED]
Inverter B IGBT Temperature for phase B	[REDACTED]
Inverter B IGBT Temperature for phase C	[REDACTED]
APM Status	[REDACTED]
Impact Event	[REDACTED]
PRND Position Display	[REDACTED]
[REDACTED] System Shutdown Command	[REDACTED]
PHEV Charging Status	[REDACTED]
Distance Travelled with Light ON	[REDACTED]
OBCM Operating Mode	[REDACTED]
[REDACTED] Detected State	[REDACTED]
HV Battery Sleep Time	[REDACTED]
SW Build Release Version	[REDACTED]
[REDACTED] SW Version	[REDACTED]
High Voltage bus voltage fault status	[REDACTED]
Lv1 Engine Speed	[REDACTED]
Lv1 Vehicle Speed	[REDACTED]
Lv1 Ignition State	[REDACTED]
Commanded Ignition State	[REDACTED]
Ignition Switch	[REDACTED]
HV Battery Contactor Fault Active	[REDACTED]
eMotor A Mode Command	[REDACTED]
HV Battery Contractor State	[REDACTED]
Lv2 Vehicle Speed	[REDACTED]
Lv1 In Field Mode	[REDACTED]
Lv1 Resolver Offset Learn	[REDACTED]
Lv2 CAN-C BusOff	[REDACTED]
Lv2 CAN-ePT BusOff	[REDACTED]
Lv1 Post Code Clear Diag Disabled	[REDACTED]
CAN Key Status Fault Active	[REDACTED]
Lv2 Test Device Present	[REDACTED]
Lv2 Output Torque Max Limit Fail	[REDACTED]
Lv2 Output Torque Min Limit Fail	[REDACTED]
Lv1 Diagnostic System Disabled	[REDACTED]
Lv1 Disabled Diagnostic Fail Safe	[REDACTED]
CAN Hybrid Feedback ECM	[REDACTED]
eMotor B Mode Command	[REDACTED]
Motor A Inverter SW Command	[REDACTED]
Motor B Inverter SW Command	[REDACTED]
Lv2 Output Torque Command Fault	[REDACTED]
Lv1 Retarded Shutdown	[REDACTED]
Lv1 System Shutdown	[REDACTED]
Lv2 Motor Mode Failure	[REDACTED]
Lv2 Key Run Crank Active	[REDACTED]
Lv2 CAN Key In Run	[REDACTED]
Lv2 Motor Mode Monitor Not Allowed	[REDACTED]
Lv2 Motor Mode Falling	[REDACTED]
Lv2 Motor Mode Monitor Set	[REDACTED]
Lv2 Prime Running	[REDACTED]
Lv2 Motor Mode Fault Count	[REDACTED]
[REDACTED] Commanded Reduced Performance Torque	[REDACTED]
[REDACTED] Flag to trigger Reduced Performance Mode	[REDACTED]
[REDACTED] Output Torque Monitor Failing - Max Lim Violated	[REDACTED]
[REDACTED] Output Torque Monitor Failing - Min Lim Violated	[REDACTED]
[REDACTED] Output Torque Monitor Failed - Max Lim Violated	[REDACTED]
[REDACTED] Output Torque Monitor Failed - Min Lim Violated	[REDACTED]
[REDACTED] Regen Monitor Fault	[REDACTED]
[REDACTED] Reduced Performance Mode	[REDACTED]
GPS Date - Year	[REDACTED]
GPS Date - Month	[REDACTED]
GPS Date - Day	[REDACTED]
UTC Time - Hours	[REDACTED]
UTC Time - Minutes	[REDACTED]
UTC Time - Seconds	[REDACTED]
ECU Time - Milliseconds	[REDACTED]

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